

**COMPLETE SAMPLE DELIVERY GROUP FILE (CSF)
EVIDENCE AUDIT CHECKLIST
U.S. Environmental Protection Agency - Region 8
Environmental Services Division, Multi-Media Branch
Analytical Operations Section**

Audit Number: 08-26-08
Date CSF Received: 12/12/07
Received By: Carol Bean
Date of Audit: 102/12/08
Audited By: Carol Bean
Resubmitted CSF? Yes ☐ No ☐
Lab Name: A-4 Scientific
Lab Location: The Woodlands, TX

Site Name: Richardson Flat Tailing
Site Manager: Kathryn Hernandez
RAS Number: 36948
ULSA Number: _____
SDG Number: MN24Q9
Number of Samples: 8/2/W
CLP Lab Code: A-4

AUDIT CHECKLIST

CHAIN OF CUSTODY

- | | |
|---|---|
| 1. Custody Seal Present? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 2. Condition of Seal? Intact <input checked="" type="checkbox"/> Signed <input checked="" type="checkbox"/> Broken <input type="checkbox"/> Unsigned <input type="checkbox"/> | |
| 3. Chain of Custody Record(s) Present? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 4. Chain of Custody Record(s) Signed? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 5. Chain of Custody Record(s) Dated? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 6. Traffic Report(s) or Packing List(s) Present? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 7. Traffic Report(s) or Packing List(s) Signed? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 8. Airbill Present? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 9. Airbill Number(s) <u>857738957980</u> | |
| 10. Airbill Signed? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 11. Airbill Dated? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 12. Sample Tags Present? | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| 13. Should Sample Tags be Present? <u>See Narrative</u> | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

FORM DC-2

4. Form DC-2 Present?
5. Numbering Scheme on Form DC-2 Correct?
6. Enclosed Documents Listed?
7. Listed Documents Enclosed?

Yes ☒ No ☐
Yes ☐ No ☒
Yes ☒ No ☐
Yes ☒ No ☐

See comments

FORM DC-1

8. Form DC-1 Present?
9. Form DC-1 Complete?
10. Form DC-1 Correct?

Yes ☒ No ☐
Yes ☐ No ☐
Yes ☐ No ☐

??

DOCUMENT CONTROL

1. Laboratory Documents Complete?
2. Laboratory Documents Legible?
3. Original Documents Included in CSF?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐

DATA INSPECTION

1. Form I's present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?
2. Forms 2 through 8 (VOC & SVOC), Forms 2 through 10 (Pesticides), Forms 2 through 14 (Metals & Cyanide) present?
3. Raw data present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?
4. Percent Solids Form present for soil samples?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☒

N/A

E: If items 1, 3, 4, 6, 7, 8, 12, 14, 18, or 22 are missing, corrective action measures must be taken by the CSF auditor and summarized below.

AUDIT NUMBER: 08-26-08

COMMENTS AND NOTES:

Page 19 on DC-2 is on Form 11A-1N therefore rest of
numbering on DC-2 is incorrect by one number to page 34

Cam Beal 08/22/08

Auditor

Date

EPA OFFICIAL SEALS PAGE

Please attach all custody seals below:

PERMIT TO ENTER A SITE



CUSTODY SEAL
EAGLE-PICHER ENVIRONMENTAL SCIENCE
& TECHNOLOGY DEPARTMENT

12/11/07

AUDIT NUMBER: 08-26-08

EPA CLP ELECTRONIC DISKETTE(S)

CASE #: 36948 SDG #: MH24Q9

SITE NAME: Richardson Flat Tailings

RPM: Kathryn Hernandez

DATE: 02/12/08

AUDITOR: Carl Beaul

Audit - 08-26-08
RAS - 36948
SDG - MH24Q9
Site - Richardson Flat Tailings
RPM - Kathryn Hernandez
Date - 02/12/08
LAB - A-4

COVER SHEET

LABORATORY RESPONSE TO RESULTS OF
CONTRACT COMPLIANCE SCREENING (CCS)

Response To: (Check One)

 Organic CCS

✓ Inorganic CCS

Response materials should be sent to the attention of the CCS Coordinator.

Labcode: A4

Response Date: 12/6/07

Date Screening

Results Received

At Laboratory : 12/6/07

EPA Contract No. EPW06 057

Case No. 36948

SDG No. MH24A1

Sample Nos. MH24A9

28
12/5/07

28
12/5/07

* Only list sample numbers that require reconciliation.

This form is used to identify materials sent in response to results of Contract Compliance Screening (CCS). A separate form must accompany the response for each SDG.

Please indicate (on the attached continuation form) which fractions and/or which criteria correspond with your resubmission. Response materials sent to CCS should also be copied to the Region with this blue cover sheet.

Attachment H

A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057	Case #: 36948	SDG #: MH24A1
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CCS RESPONSE

CCS RECEIPT DATE: 12/06/2007

CCS RESPONSE DATE: 12/06/2007

Following are the responses and corrections to the CCS defects in the above referenced SDG.

This submission package has been numbered sequentially.

FRACTION (S): ICP-MS

CRITERIA	RESPONSE
MD5	Preparation Log is included in this submittal.

Reddy Patanati / Lab Mgr
Signature and Title

12/10/07
Date of Signature

12/10/07

A4Scientific1544 Sawdust Road, Suite 303
The Woodlands, TX 77380
281-292-5277**Sample Digestion – Logbook**
ICP-AES

Effective	Area	Type	Number	Version	RCN
09-Nov-06	QA	FORM	2FORM05	1.0	675-0813

Method: FLMOS-4SOP: 234801Circle One: Total / DissolvedSample Matrix: SOILPrep Start Date & Time: 11/09/07 12:00LCS ID: A606030Prep Code: HS2Prep Batch ID: 709016P8Prep End Date & Time: 11/09/07 17:00MS ID: commsTemperature of Hot Block: 94 °CThermometer ID: -HCl ID (conc. / 1:1): 637-112-07HNO₃ ID (conc. / 1:1): 637-116-07H₂O₂ ID: A601016Others: -

Lab Sample ID	Client Sample ID	Sample Aliquot G / mL	Final Volume (mL)	Dil.	HCl Added (ml) (conc. / 1:1)	HNO ₃ Added (ml) (conc. / 1:1)	LCS Added (μl)	MS Added (μl)	H ₂ O ₂ Added (ml)	Color	Clarity	Texture	Comments
										Ini./Fin	Ini./Fin	Ini./Fin	
709016P8	PRSP8	1.010	100	1x	10	5/10	NA	NA	4ml	8/3	B/A	F	
709016P8	LCSSP8	1.070					-			↓			
0008705-01	MHZ4A1	1.02					NA			10/3			
-02	A2	1.01											
-03	A3	1.29											
-03D	A3D	1.17											
-03S	A3S	1.00						comms					← 0.8 ml 637-45-07 2.0 ml A605005-
-04	A4	1.02						NA					
-05	A5	1.04											
-06	A6	1.10											
-07	A7	1.04											
-08	A8	1.11											
-09	A9	1.03											

Spiked by: SK 11/12/07Spike verified By: SKDigested By: SKReceived for analysis by/Date: SK 11/10/07Reviewed by/Date: SK 11/12/07**COLOR** : Red = 1; Blue = 2; Yellow = 3; Green = 4; Orange = 5; Violet = 6; White = 7; Brown = 8; Grey = 9; Black = 10; Colorless = 11.**CLARITY** : Clear = A; Cloudy = B; Opaque = C **TEXTURE**: Fine = F; Medium = M; Coarse = R**ARTIFACTS** : If Artifacts are present, enter "Artifacts" and describe in the Comments column.

USEPA-CLP

COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057
Lab Code: A4 Case No: 36948 NRAS No.: _____ SDG No: MH24Q9
SOW No.: ILM05.4

EPA Sample No.	Lab Sample ID
<u>MH24Q9</u>	<u>0008735-01</u>
<u>MH24R0</u>	<u>0008735-02</u>
<u>MH24R1</u>	<u>0008735-03</u>
<u>MH24R2</u>	<u>0008735-04</u>
<u>MH24R3</u>	<u>0008735-05</u>
<u>MH24R4</u>	<u>0008735-06</u>
<u>MH24R5</u>	<u>0008735-07</u>
<u>MH24R5D</u>	<u>0008735-07D</u>
<u>MH24R5S</u>	<u>0008735-07S</u>
<u>MH24R6</u>	<u>0008735-08</u>

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
If yes, were raw data generated before application of background corrections?	(Yes/No)	<u>NO</u>	<u>NO</u>

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Reddy Pakanati

Name: REDDY PAKANATI

Date: 12/10/07

Title: LABORATORY MANAGER

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A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057**Case #: 36948****SDG #: MH24Q9****SDG NARRATIVE****SAMPLE RECIEPT & LOGIN**

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	REMARKS	MATRIX
MH24Q9	0008735-01	11/21/07 10:26	857738957980	DM-ICP-AES	1		WATER
MH24R0	0008735-02	11/21/07 10:26	857738957980	DM-ICP-AES	1		WATER
MH24R1	0008735-03	11/21/07 10:26	857738957980	DM-ICP-AES	1		WATER
MH24R2	0008735-04	11/21/07 10:26	857738957980	DM-ICP-AES	1		WATER
MH24R3	0008735-05	11/21/07 10:26	857738957980	DM-ICP-AES	1		WATER
MH24R4	0008735-06	11/21/07 10:26	857738957980	DM-ICP-AES	1		WATER
MH24R5	0008735-07	11/21/07 10:26	857738957980	DM-ICP-AES	2	MS/DUP	WATER
MH24R6	0008735-08	11/21/07 10:26	857738957980	DM-ICP-AES	1		WATER

ICP-AES

Issue: The custody seals were absent; however the cooler does not appear to be tampered with.

Resolution: Per Region 8, the lab has proceeded with the analysis of the samples.

Issue: There was no temperature blank received with the samples. The cooler temperature was determined to be 5C. Removed ice between two sample containers and placed thermometers between them and stabilized for several minutes. The thermometer was not allowed to come in contact with any material except sample containers. The temperature of the shipping container was recorded on the TR/COC and form DC-1.

Resolution: Per direction from Region 8, the laboratory has noted the method used to determine the temperature and proceed with the analysis of the samples.

Issue: There were sample tag numbers listed on the TR/COC; however no physical tags were attached to the samples.

Resolution: Per Region 8, the lab, has notified SMO and proceed with the analysis of the samples.

Issue: Per Scheduling lab QC is required; however there was no sample designated on the TR/COC. The lab would like to use sample MH24Q9.

Resolution: Per direction from Region 8, the laboratory selected a sample for laboratory QC that was not a PE, blank, or rinsate sample. The lab notified SMO coordinator of the sample selected for lab QC, and proceed with the analysis of the samples.

Issue: Lab performed analysis once on these samples. Lab QC failed and the samples were re-digested and re-analyzed. Lab used sample MH24Q9 for Lab QC during the first analysis. Lab did not have sufficient sample volume to perform QC a second time on the same sample (MH24Q9) and selected sample MH24R5 for QC. Lab has notified SMO of the change in the QC sample selected for this SDG.

Resolution: Per Region 8, Lab QC change was acceptable.

Issue: The laboratory received the following samples with a pH of greater than 2 for DM analysis:

MH24Q9 - 3.49

MH24R0 - 3.76

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A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057

Case #: 36948

SDG #: MH24Q9

SDG NARRATIVE

MH24R1 - 3.58

MH24R2 - 3.42

MH24R3 - 3.46

MH24R4 - 3.87

MH24R5 - 3.85

MH24R6 - 3.39

Resolution: Per Region 8, the laboratory has adjusted the pH accordingly and proceeded with the analysis of the samples.

SMO was notified. Directive is enclosed. No other discrepancies or issues were noted during receipt and login.

pH of the water samples was verified upon sample receipt and is listed below:

EPA SAMPLE #	LAB SAMPLE #	pH-ICP-AES,
MH24Q9	0008735-01	3.49
MH24R0	0008735-02	3.76
MH24R1	0008735-03	3.58
MH24R2	0008735-04	3.42
MH24R3	0008735-05	3.46
MH24R4	0008735-06	3.87
MH24R5	0008735-07	3.85
MH24R6	0008735-08	3.39

ICP-AES

Water Samples were digested by Hot-Block technique (HW1) and analyzed using a Thermo Electron ICAP6500.

MS and DUP were performed on sample "MH24R5". Ag recovery was zero (0). Chemical interferences are suspected.

The following Samples were analyzed at a dilution for some elements to bring the concentration below the LDRs. The dilutions were made as below:

Sample ID	Dilution	Volume of digestate (ul)	Volume of 2% HNO3 (ul)	Final Volume (ul)
MH24R6	1.3	7,692	2,308	10,000

The following equations are used for calculation of sample results from raw instrument output data:

ICP-AES

WATER Samples:

$$\text{Concentration } (\mu\text{g/L}) = C * \frac{V_f}{V_i} * DF$$

Where,

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A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057

Case #: 36948

SDG #: MH24Q9

SDG NARRATIVE

C = Instrument value in $\mu\text{g/L}$

V_f = Final digestion volume (mL) (50ml)

V_i = Initial digestion volume (mL) (50ml)

DF = Dilution Factor

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SAMPLE LOG-IN SHEET

Lab Name A4 SCIENTIFIC, INC.				Page 1 of 1		
Received By (Print Name) Jessica Schulte				Log-in Date 11/21/07		
Received By (Signature) <i>Jessica Schulte</i>						
Case Number 36948		Sample Delivery Group No. MH2409		NRAS Number —		
Remarks:		Corresponding				
		EPA Sample #	Aqueous Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1. Custody Seal(s) Present/Absent* Intact/Broken		MH2409	3.49	NA	0008735-01	1-250mL Intact Plastic
2. Custody Seal Nos. NA		R0	3.76		-02	
3. Traffic Reports/Chain of Custody Records or Packing Lists Present/Absent*		R1	3.58		-03	
4. Airbill Airbill/Sticker Present/Absent*		R2	3.42		-04	
5. Airbill No. 857738957980		R3	3.46		-05	
6. Sample Tags Present/Absent*		R4	3.87		-06	
Sample Tag Numbers Listed/Not Listed on Traffic Report/Chain of Custody Record		R5	3.85		-07	2-125mL Plastic
7. Sample Condition Intact/Broken*/Leaking		R6	3.39		-08	1-250 mL Plastic
8. Cooler Temperature Indicator Bottle Present/Absent*						
9. Cooler Temperature 5°C						
10. Does information on Traffic Reports/Chain of Custody Records and sample tags agree? Yes/No*						
11. Date Received at Lab 11-21-07						
12. Time Received 10:26						
Sample Transfer						
Fraction DM	Fraction					
Area # Cooler A	Area #					
By JS	By					
On 11-21-07	On 11-21-07					

* Contact SMO and attach record of resolution

Reviewed By SNW	Logbook No. NA
Date 11/21/07	Logbook Page No. 0000000005

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME	A4 SCIENTIFIC, INC.		
CITY/STATE	THE WOODLANDS, TX		
CASE NO.	316948	SDG NO.	MH 2409
SDG NOS. TO FOLLOW			
NRAS NO.			
CONTRACT NO.	EPW06057		
SOW NO.	ILMD5.4		

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.6)

	PAGE NOS.		CHECK	
	FROM	TO	LAB	REGION
1. Cover Page	<u>1</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. SDG Narrative	<u>2</u>	<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Sample Log-In Sheet (DC-1)	<u>5</u>	<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Inventory Sheet (DC-2))	<u>6</u>	<u>7</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Traffic Report/Chain of Custody Record(s)	<u>8</u>	<u>89</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inorganic Analysis				
6. Data Sheet (Form I-IN)	<u>10</u>	<u>17</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7. Initial & Continuing Calibration Verification (Form IIA-IN)	<u>18</u>	<u>18</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8. CRQL Standard (Form IIB-IN)	<u>19</u>	<u>19</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9. Blanks (Form IIB-IN)	<u>20</u>	<u>20</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10. ICP-AES Interference Check Sample (Form IVA-IN)	<u>21</u>	<u>21</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11. ICP-MS Interference Check Sample (Form IVB-IN)	<u>NA</u>	<u>NA</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12. Matrix Spike Sample Recovery (Form VA-IN)	<u>22</u>	<u>22</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13. Post-Digestion Spike Sample Recovery (Form VB-IN)	²³ <u>12-11-07 23</u>	<u>NA</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14. Duplicates (Form VI-IN)	<u>23</u>	<u>23</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15. Laboratory Control Sample (Form VII-IN)	<u>24</u>	<u>24</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16. ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	<u>26</u>	<u>25</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17. Method Detection Limits (Annually) (Form IX-IN)	<u>26</u>	<u>27</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18. ICP-AES Interelement Correction Factors (Quarterly) (Form XA-IN)	<u>28</u>	<u>28</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19. ICP-AES Interelement Correction Factors (Quarterly) (Form XB-IN)	<u>29</u>	<u>29</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20. ICP-AES and ICP-MS Linear Ranges (Quarterly) (Form XI-IN)	<u>30</u>	<u>30</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
21. Preparation Log (Form XII-IN)	<u>31</u>	<u>31</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22. Analysis Run Log (Form XIII-IN)	<u>32</u>	<u>32-33</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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	PAGE NOS.		CHECK	REGION
	FROM	TO		
23. ICP-MS Tune (Form XIV-IN)	NA	NA	✓	—
24. ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	↓	↓	✓	—
25. ICP-AES Raw Data	34	134	✓	—
26. GFAA Raw Data (If Applicable)	NA	NA	✓	—
27. ICP-MS Raw Data	↓	↓	✓	—
28. Mercury Raw Data	↓	↓	✓	—
29. Cyanide Raw Data	↓	↓	✓	—
30. Preparation Logs Raw Data	135	152	✓	—
31. Percent Solids Determination Log	NA	NA	✓	—
32. USEPA Shipping/Receiving Documents Airbill (No. of Shipments <u>1</u>)	153	153	✓	✓
Sample Tags			✓	—
Sample Log-In Sheet (Lab)	154	154	✓	✓
33. Misc. Shipping/Receiving Records (list all individual records) Telephone Logs	NA	NA	✓	—
NA	↓	↓	✓	—
NA	↓	↓	✓	—
34. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list) <u>Custody logbook</u>	155	155	✓	✓
NA	NA	NA	✓	—
35. Internal Original Sample Prep & Analysis Records (describe or list) Prep Records <u>Digestion log</u>	135	135	✓	✓
Analysis Records <u>Runlog</u>	134	138	✓	✓
Description <u>Standard preplog</u>	139	152	✓	✓
36. Other Records (describe or list) Telephone Communications Log	NA	NA	✓	—
<u>Emails</u>	156	163	✓	✓
NA	NA	NA	✓	—
37. Comments:				

Completed by:

(CLP Lab)

(Signature)

Jessica Schulze ^{sample} Custodian

(Print Name & Title)

(Date)

Audited by:

(USEPA)

(Signature)

(Print Name & Title)

(Date)

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**SAMPLE DELIVERY GROUP (SDG)
COVER SHEET**

SDG Number: MH24Q9

☒ ICP-AES Analysis

☐ ICP-MS Analysis

Laboratory Name: A4 SCIENTIFIC, INC.

Laboratory Code: A4

Contract No.: EPW06057

Case No.: 36948

Analysis Price: _____

SDG Turnaround: 21 days

Modified Analysis (if applicable):

Modification Reference No.: _____

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) MH24Q9	7) MH24R5	13)	19)
2) MH24R0	8) MH24R6	14)	20)
3) MH24R1	9)	15)	21)
4) MH24R2	10)	16)	22)
5) MH24R3	11)	17)	23)
6) MH24R4	12)	18)	24)

MH24Q9

First Sample in SDG

MH24R6

Last Sample in SDG

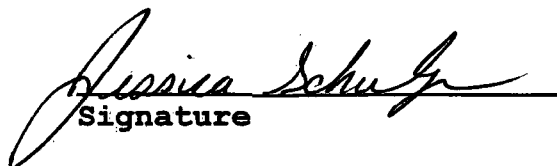
11/21/2007

First Sample Receipt Date

11/21/2007

Last Sample Receipt Date

Note: There are a maximum of 20 **field** samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).


Signature

11/21/07
Date

0000000000
Inorganic (10/06)



Groundwater

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 36948

DAS No:

SDG No: MH 24Q9

L

Date Shipped: Carrier Name: FedEx Airbill: Shipped to: A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	Chain of Custody Record		Sampler Signature: <i>Ch Hayes</i>
	Relinquished By	(Date / Time)	Received By
	1 <i>Ch Hayes</i>	11/20/07 14:00	FEDEX
	2		
	3		
	4		<i>J. Schulte</i> 11/21/07 10 ⁰⁰
For Lab Use Only			
Lab Contract No: EPW06057			
Unit Price: 0			
Transfer To:			
Lab Contract No:			
Unit Price:			11/21/07

INORGANIC SAMPLE NO.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH24Q9	Ground Water/ Chris Hayes	M/G	DM (21)	TAG299 (1)	P2-1 (A)	S: 11/19/2007 12:00 15:07		0008735-01 Intact
MH24R0	Ground Water/ Chris Hayes	M/G	DM (21)	TAG300 (1)	P2-2 (A)	S: 11/19/2007 12:00 14:00		-02
MH24R1	Ground Water/ Chris Hayes	M/G	DM (21)	TAG301 (1)	P2-3 (A)	S: 11/19/2007 12:00 13:20		-03
MH24R2	Ground Water/ Chris Hayes	M/G	DM (21)	TAG302 (1)	P2-4	S: 11/19/2007 12:00		-04
MH24R3	Ground Water/ Chris Hayes	M/G	DM (21)	TAG303 (1)	P2-5	S: 11/19/2007 12:00 16:04		-05
MH24R4	Ground Water/ Chris Hayes	M/G	DM (21)	TAG304 (1)	P2-6	S: 11/19/2007 12:00 15:12		-06
MH24R5	Ground Water/ Chris Hayes	M/G	DM (21)	TAG305 (1)	P2-7	S: 11/19/2007 12:00 14:09		-07
MH24R6					P2-2(CB)	14:30		-08

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>11/21/07</i>	Cooler Temperature Upon Receipt: 5°C	Chain of Custody Seal Number: <i>11/21/07</i>
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal intact? <input checked="" type="checkbox"/>	Shipment Iced? <input checked="" type="checkbox"/>
DM = CLP TAL Dissolved Metals				

TR Number: 8-065602925-111507-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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